

United States Department of Agriculture  
Animal and Plant Health Inspection Service  
Plant Protection & Quarantine  
4700 River Road  
Riverdale, MD 20737

**Permit to Move Live Plant Pests, Noxious Weeds, and Soil**  
Importation  
**Regulated by 7 CFR 330**

This permit was generated electronically via the ePermits system

<b>PERMITTEE NAME:</b>	Prof. Artyom Kopp	<b>PERMIT NUMBER:</b>	P526P-20-02787
<b>ORGANIZATION:</b>	University of California - Davis	<b>APPLICATION NUMBER:</b>	P526-200527-005
<b>ADDRESS:</b>	One Shields Avenue Department of Evolution and Ecology Davis, CA 95616	<b>FACILITY NUMBER:</b>	N/A
<b>MAILING ADDRESS:</b>	One Shields Avenue Department of Evolution and Ecology Davis, CA 95616	<b>HAND CARRY:</b>	No
<b>PHONE:</b>	530-752-8657	<b>DATE ISSUED:</b>	06/15/2020
<b>FAX:</b>	530-752-9014	<b>EXPIRES:</b>	<b>06/15/2023</b>
<b>DESTINATION:</b>	University of California , Department of Evolution and Ecology//One Shields Avenue, Davis, CA 95616		
<b>DESIGNATED PORTS:</b>	CA, El Segundo; CA, South San Francisco; FL, Miami (Cargo, DHL, Fed Ex, UPS, etc ); GA, Atlanta; NY, Jamaica; TX, Humble; WA, SeaTac		

Under the conditions specified, this permit authorizes the following:

<u>Regulated Article</u>	<u>Life Stage(s)</u>	<u>Intended Use</u>	<u>Shipment Origins</u>	<u>Originally Collected</u>	<u>Culture Designation</u>
Drosophila annulipes	Any	Research - Lab	Asia, Australia, Europe	Originally Collected from Foreign and Domestic Locations	
Drosophila curviceps	Any	Research - Lab	Asia, Australia, Europe	Originally Collected from Foreign and Domestic Locations	
Drosophila dentissima	Any	Research - Lab	Asia, Australia, Europe	Originally Collected from Foreign and Domestic Locations	
Drosophila fima	Any	Research - Lab	Asia, Australia, Europe	Originally Collected from Foreign and Domestic Locations	
Drosophila formosana	Any	Research - Lab	Asia, Australia, Europe	Originally Collected from Foreign and Domestic Locations	
Drosophila hypocausta	Any	Research - Lab	Asia, Australia, Europe	Originally Collected from Foreign and Domestic Locations	
Drosophila kepulauana	Any	Research - Lab	Asia, Australia, Europe	Originally Collected from Foreign and Domestic Locations	
Drosophila kohkoa	Any	Research - Lab	Asia, Australia, Europe	Originally Collected from Foreign and Domestic Locations	

Permit Number P526P-20-02787

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*Carlos A. Blanco*  
**Carlos Blanco**

DATE

**06/15/2020**

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Drosophila nasuta	Any	Research - Lab	Asia, Australia, Europe	Originally Collected from Foreign and Domestic Locations
Drosophila neohypocausta	Any	Research - Lab	Asia, Australia, Europe	Originally Collected from Foreign and Domestic Locations
Drosophila pallidifrons	Any	Research - Lab	Asia, Australia, Europe	Originally Collected from Foreign and Domestic Locations
Drosophila prolongata	Any	Research - Lab	Asia, Australia, Europe	Originally Collected from Foreign and Domestic Locations
Drosophila quadrilineata	Any	Research - Lab	Asia, Australia, Europe	Originally Collected from Foreign and Domestic Locations
Drosophila ruberrima	Any	Research - Lab	Asia, Australia, Europe	Originally Collected from Foreign and Domestic Locations
Drosophila rubida	Any	Research - Lab	Asia, Australia, Europe	Originally Collected from Foreign and Domestic Locations
Drosophila siamana	Any	Research - Lab	Asia, Australia, Europe	Originally Collected from Foreign and Domestic Locations
Drosophila signata	Any	Research - Lab	Asia, Australia, Europe	Originally Collected from Foreign and Domestic Locations

### SPECIAL INSTRUCTIONS TO INSPECTORS

See permit conditions below

#### DHS CBP INSPECTORS - SHIPMENT BY BONDED CARRIER

- 1) Confirm that the carrier of the shipment imported under this USDA PPQ 526 permit is commercially bonded.
- 2) Confirm that the imported shipment has a valid USDA PPQ Form 599 Red/White label attached to the exterior for routing to a USDA APHIS PPQ Inspection Station or other "Designated Port" as stated on the Permit. A valid label will have the permit number, expiration date, label number, and address of a USDA APHIS PPQ Plant Inspection Station/Designated Port. PLEASE NOTE: In the event of a shipment of bulk container with discrete units, a single PPQ Form 599 Red/White label may be used.
- 3) Validate the permit in ePermits using the CBP search feature.
- 4) If a valid PPQ Form 599 Red/White label is not attached to the exterior of the package or the label has been covered or is otherwise not legible, then forward to the nearest USDA APHIS PPQ Plant Inspection Station.
- 5) If the address on the airway bill does not match the address on the PPQ Form 599 Red/White label then forward the package to the nearest USDA APHIS PPQ Plant Inspection Station/designated port shown on the PPQ Form 599 label. All costs associated with rerouting misaddressed packages will be assumed by the permit holder.

#### APHIS PPQ INSPECTORS at PIS - Low Risk

Follow the instructions in the Plant Inspection Station Manual for Low Risk Organisms - Arthropods or Microbials Red and White Labeled Packages (may be opened outside a biosafety cabinet; see procedures for handling on page 3-7-42). For questions or concerns, contact USDA APHIS PPQ in Riverdale, MD, at 301-851-2046, toll free 866-524-5421.

### PERMIT GUIDANCE

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- 1) Receipt or use of foreign isolates or samples from countries under sanctions requires specific permission from the U.S. Department of Treasury; please refer to <https://www.treasury.gov/resource-center/sanctions/Programs/Pages/Programs.aspx>
- 2) This permit does not authorize movement or release into the environment of genetically engineered organisms produced with the regulated organisms described in this permit. Importation, interstate movement, and environmental release of genetically engineered plant pests require a different permit issued under regulations at 7 CFR part 340. Any unauthorized interstate movement or environmental release, including accidental release, of a regulated GE organism would be a violation of those regulations. Additional guidance and contact information for APHIS Biotechnology Regulatory Services, can be found at: <https://www.aphis.usda.gov/aphis/ourfocus/biotechnology>.
- 3) This permit does not fulfill the requirements of other federal or state regulatory authorities. Please contact the appropriate agencies, such as the U.S. Environmental Protection Agency, the U.S. Fish and Wildlife Service, the U.S. Food and Drug Administration, the Centers for Disease Control and Prevention, the APHIS Veterinary Services unit, the APHIS Biotechnology Regulatory Services, or your State's Department of Agriculture to ensure proper permitting.
- 4) This permit does not authorize movement or use of plant pathogens listed in the Public Health Security and Bioterrorism Preparedness and Response Act of 2002. If any organism listed as a Select Agent is identified from materials associated with this research, the permit holder is required to notify APHIS, Agriculture Select Agent Services (AgSAS) immediately by phone at 301-851-3300 option 3, and within seven (7) days submit APHIS/CDC Form 4A (Report of Identification of a Select Agent or Toxin in a Clinical or Diagnostic Laboratory) to APHIS, AgSAS; 4700 River Rd, Unit 2, Riverdale, MD 20737 (see instructions at: [https://www.selectagents.gov/resources/APHIS-CDC\\_Form\\_4\\_Guidance\\_Document.pdf](https://www.selectagents.gov/resources/APHIS-CDC_Form_4_Guidance_Document.pdf)). Failure to comply with this requirement is a violation of the Agricultural Bioterrorism Protection Act of 2002. Plant pathogen select agents currently listed include: *Peronosclerospora philippinensis* (*Peronosclerospora sacchari*), *Conothyrium glycines* (formerly *Phoma glycinicola* and *Pyrenochaeta glycines*), *Ralstonia solanacearum*, *Rathayibacter toxicus*, *Sclerophthora rayssiae*, *Synchytrium endobioticum*, and *Xanthomonas oryzae*.

### PERMIT CONDITIONS

USDA-APHIS authorizes Prof. Artyom Kopp, University of California – Davis, One Shields Avenue, Department of Evolution and Ecology, Davis, CA, to import all life stages the listed *Drosophila* species from Asia, Australia, and Europe for laboratory research at the address above. All these conditions must be followed:

1. • This permit is issued by the United States Department of Agriculture's Animal and Plant Health Inspection Service (APHIS). It conveys APHIS regulations and requirements for the material(s) listed on this permit. It does not reduce or eliminate your legal duty and responsibility to comply with all other applicable Federal and State regulatory requirements.
- The permit number or a copy of the permit must accompany the shipment.

Permit Number P526P-20-02787

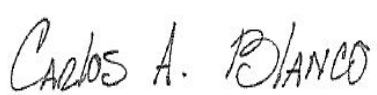
THIS PERMIT HAS BEEN APPROVED ELECTRONICALLY BY THE FOLLOWING PPQ HEADQUARTER OFFICIAL VIA EPERMITS.	DATE
 <b>Carlos Blanco</b>	<b>06/15/2020</b>

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- You must be an individual at least 18 years old, or legal entity such as partnership, corporation, association, or joint venture.
- You are legally responsible for complying with all permit requirements and permit conditions.
- The regulated material and shipping container(s) are subject to inspection by officials of Custom and Border Protection (CBP) and APHIS. CBP or APHIS officials may require the shipment to be treated, seized, re-exported, or destroyed (in part or whole). You will be responsible for expenses.
- If you violate any applicable laws associated with this permit, you may face substantial civil or criminal penalties. We may cancel all current permits and deny future permit applications.
- Without prior notice and during reasonable hours, authorized Federal and State Regulators must be allowed to inspect the conditions associated with the regulated materials/organisms authorized under this permit.

2. The permit holder must:

- maintain a valid PPQ526 permit so long as the regulated materials/organisms are alive or viable,
- not assign or transfer this permit to other persons without APHIS PPQ authorization,
- maintain an official permanent work assignment, residence, or affiliation at the address on this permit,
- notify the Pest Permit Staff as soon as possible of any change in the permit holder's work assignment, residence, or affiliation,
- notify the Pest Permit Staff of the receipt of unauthorized and/or misdirected shipments of regulated materials/organisms,
- adequately mitigate environmental impacts resulting from unauthorized release of regulated materials/organisms and notify the Pest Permit staff immediately if one occurs,
- notify the Pest Permit Staff if the facility is damaged/destroyed or if you wish to decommission the facility,

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- destroy all regulated materials/organisms prior to departure from the organization unless other arrangements are confirmed by the Pest Permit Staff.

Notifications to the Pest Permit Staff must be made via 866-524-5421 or [pest.permits@usda.gov](mailto:pest.permits@usda.gov) within one business day of the event triggering a notification.

3. Synthetic growth media may be included in shipments. No plant materials or other organisms may be included in shipments.

All waste materials from these cultures and any associated shipping materials must be disposed of properly. All waste materials must be double bagged and prepared by one of the following methods prior to disposal: 1) frozen at -20 C for 72 hours (note this is colder than most refrigerator freezers), 2) autoclave (preferred), 3) incinerated before entering the municipal waste stream, or 4) adding a cup of laundry bleach to the inner bag.

4. All persons working with imported *Drosophila* species must be informed of these permit conditions. Anyone working with these organisms must agree to and sign/ initial these conditions before beginning work. These signed conditions do not need to be submitted to USDA/ APHIS but must be readily accessible in the event of an inspection and presented upon request.

Note: these conditions may be copied and stored electronically for electronic signature and initialing provided that the permit number, authorized organisms and life stages, release locations if applicable, and authorization statement all appear on the document with the permit number. Signing these conditions only indicates that the person working under this permit has read them; the permit holder is the sole responsible party under this permit.

5. Imported *Drosophila* species must be maintained inside the laboratory or facility.


Collection methods must be available to catch escaping *Drosophila* flies.

6. All packages for transport must minimally consist of both inner (primary) and outer (secondary) packages securely sealed and escape-proof so that both are effective barriers to escape. More than one inner container may be placed in the secondary container. The inner package(s) shall contain all organisms and must be cushioned and sealed in such a way that it remains sealed during the shock, impact and pressure changes that may occur. The outer shipping container must be rigid and strong enough to withstand typical shipping conditions (dropping, stacking, impact from other freight, etc.) without opening.

Place a copy of this permit with all shipments (either inside or outside the package).

A copy of this permit must accompany all hand carrying events.

Permit Number P526P-20-02787

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## END OF PERMIT CONDITIONS

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